

1 While we have illustrated and described a preferred embodiment of our
2 invention, we wish to not be thereby limited to this preferred embodiment
3 but wish to include such changes and variations as fall with the scope of
4 the following claims.

5 What we claim as our invention is:

6 1. The combination comprising:

7 a) a catch basin including,

8 1) an inlet through which storm water and pollutants flow
9 into the catch basin,

10 2) an outlet through which water flows out of the catch
11 basin,

12 3) basin side walls,

13 4) a bottom,

14 b) a catch basin grate covering the catch basin inlet,

15 c) an apparatus comprising:

16 1) a catch basin filter

17 2) an attachment means which encircles the grate
18 and couples the filter to the grate.

19 2. The apparatus according to claim 1 further including a basin filter
20 bag with an opening edge to receive storm water which is

- 1 smaller in circumference than the circumference of the outside rim
2 of the grate which couples the filter bag to the inlet grate thereby
3 preventing the filter from slipping lower into the catch basin.
- 4 3. The apparatus of claim 2 further includes an adjustable opening
5 edge of the filter bag.
- 6 4. The apparatus of claim 3 further includes a pull cord which is
7 is capable of decreasing, fixing in place, and increasing the circumference
8 of the bag opening whereby the filter bag is coupled to the inlet grate, held
9 in place, or released from the inlet grate.
- 10 5. The attachment means of claim 1 wherein the apparatus encircles
12 the grate by using straps which couple the filter to the grate.
- 13 6. The attachment means of claim 1 wherein the apparatus encircles
14 the grate by using wire which couples the filter to the grate.
- 15 7. The attachment means of claim 1 wherein the apparatus
16 encircles the grate by using cable which couples the filter to the grate.
- 17 8. The apparatus of claim 1 wherein the filter is essentially
18 located underneath the grate inside the catch basin.
- 19 9. The apparatus of claim 1 wherein the filter is essentially
20 located on the top of the grate and the attachment means is essentially

- 1 located on the underside of the inlet grate.
- 2 10. The attachment means of claim 1 wherein the attachment means
- 3 essentially envelops the filter around the inlet grate.
- 4 11. The apparatus of claim 1 wherein the filter is essentially located
- 5 on both sides of the grate, filtering storm water both before and after
- 6 passing through the grate.
- 7 12. The combination comprising:
- 8 a) a catch basin including,
- 9 1) an inlet through which storm water and pollutants flow into
- 10 the catch basin,
- 11 2) an outlet through which water flows out of the catch basin,
- 12 3) basin side walls,
- 13 4) a bottom, and
- 14 a) a catch basin inlet grate covering the catch basin inlet,
- 15 b) a catch basin filter,
- 16 c) an apparatus that encircles the grate and couples the
- 17 basin filter to the inlet grate.
- 18 13. The catch basin filter of claim 12 further includes a porous fabric
- 19 which allows storm water to pass through while retaining pollutants.

